



STATE OF ARKANSAS
ASA HUTCHINSON
GOVERNOR

March 24, 2017

Mr. Samuel Coleman
Acting Regional Administrator
United States EPA Region VI
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

Re: Arkansas State Implementation Plan (SIP)

Dear Mr. Coleman:

The Arkansas Department of Environmental Quality (ADEQ) hereby respectfully submits to the United States Environmental Protection Agency (EPA) Revisions to the Arkansas State Implementation Plan (SIP), including revisions to the Arkansas Pollution Control and Ecology Commission's ("Commission" or APC&EC) Regulation No. 19, *Regulations of the Arkansas Plan of Implementation for Air Pollution Control*, for approval. The Commission adopted changes to APC&EC Regulation No. 19 to include revisions to the 2012 particulate matter less than or equal to 2.5 micrometers in diameter (PM_{2.5}) National Ambient Air Quality Standards (NAAQS) on February 26, 2016, in response to the following rule finalized by the EPA:

- "National Ambient Air Quality Standards for Particulate Matter" (78 FR 3086, January 15, 2013), which revised the primary and secondary standards for annual PM_{2.5} NAAQS.

Additionally, on February 26, 2016, the Commission adopted changes to APC&EC Regulation No. 19 to include the NAAQS revisions for the following criteria pollutants: 2006 PM_{2.5} NAAQS, 2008 ozone NAAQS, 2008 lead NAAQS, 2010 nitrogen dioxide (NO₂) NAAQS, and 2010 sulfur dioxide (SO₂) NAAQS that provide for the attainment

and maintenance of such standards and for the prevention of significant deterioration program that covers these pollutants. This SIP submission includes the State's infrastructure plan to maintain, enforce, and implement these revised NAAQS that are now effective in APC&EC Regulation No. 19.

Arkansas also requests that EPA take the following actions with regard to this SIP submittal:

- i. replace the 2008 lead NAAQS infrastructure SIP, previously submitted on March 9, 2012, as the State has now adopted the revised standards in the APC&EC Regulation No.19 and provides updated information in this submission;
- ii. withdraw the finding of failure for Arkansas to submit a complete infrastructure SIP that provides for the basic Clean Air Act (CAA) program elements necessary to implement the 2008 8-hour ozone NAAQS published by the EPA in the Federal Register on January 15, 2013 (78 FR 2882);
- iii. withdraw the finding of failure for Arkansas to submit a complete infrastructure SIP that provides for the basic CAA program elements necessary to implement the 2010 NO₂ primary NAAQS published in the Federal Register on November 24, 2014 (79 FR 69769);
- iv. withdraw the disapproval proposed by the EPA, on January 11, 2016, on portions of Arkansas SIP submittal addressing EPA's July 20, 2011 rule deferring PSD requirements for carbon dioxide (CO₂) emissions from bioenergy and other biogenic sources ("Biomass Deferral") 81 FR 1141; and
- v. consider the revisions Arkansas has made to the 2006 24-hour PM_{2.5} NAAQS infrastructure SIP, submitted on September 16, 2009, addressing the deficiencies found by EPA's partial disapproval on August 20, 2012 (77 FR 50033).

In addition to the State infrastructure SIP, which demonstrates that the Department has the authority to implement, maintain and enforce the new or revised NAAQS in the State, ADEQ is required under Ark. Code Ann. § 8-4-318 to address certain factors when a "NAAQS SIP" is submitted to EPA. A "NAAQS SIP" is required to include the measures necessary for the attainment and maintenance of the NAAQS in each air quality control region (AQCR) or portion of an AQCR within the State.

This submission also includes revisions to update the incorporation by reference date for the Code of Federal Regulations Title 40 Part 70 (40 C.F.R. Part 70) in SIP-related parts of Regulation No. 26 to reflect current federal regulations (75 FR 31607, June 3, 2010).

The SIP package accompanying this letter consists of one hard copy and one electronic copy (on compact disc), summarized as follows:

Tab A State Implementation Plan Submittal Letter

Tab B Infrastructure State Implementation Plans and NAAQS State Implementation Plan

- 1 Introduction
 - 1.1 Arkansas State Implementation Plan Revision
 - 1.2 Approved Arkansas SIP components included in this Revision
- 2 National Ambient Air Quality Standards – Levels, Health Impacts, and Sources
 - 2.1 Background
 - 2.2 Protection of the National Ambient Air Quality Standards
- 3 Infrastructure State Implementation Plan
 - 3.1 2006 Particulate Matter less than 2.5 Micrometers in Diameter (PM_{2.5}) NAAQS
 - 3.2 2008 Ozone NAAQS
 - 3.3 2008 Lead NAAQS
 - 3.4 2010 Nitrogen Dioxide (NO₂) NAAQS
 - 3.5 2010 Sulfur Dioxide (SO₂) NAAQS
 - 3.6 2012 Particulate Matter less than 2.5 Micrometers in Diameter (PM_{2.5}) NAAQS
- 4 NAAQS State Implementation Plan pursuant to Arkansas Code Annotated, § 8-4-318
 - 4.1 Background
 - 4.2 Minor New Source Review Permitting Strategy
 - 4.2.1 Adoption of PM_{2.5} Thresholds and De Minimis Levels
 - 4.2.2 Pollutant-Specific Minor NSR NAAQS Evaluation

Requirements

Tab C Evidence of Adoption of the Revised Plan into Regulations No. 19 and No. 26

Tab D Legal Authority to Adopt and Implement the Plan

Tab E Regulations with Changes Indicated ("Proposed")

Tab F Regulations with Changes Incorporated ("Final")

Tab G Procedural Requirements

Tab H Public Participation

Arkansas requests that EPA review and approve this SIP revision as expeditiously as possible and within the legal timeframe of one year as in the Clean Air Act.

I certify that all documents submitted to the Regional Office in electronic form are exact duplicates of the hard copy documents. Should questions arise, please do not hesitate to contact the ADEQ Associate Director of the Office of Air Quality Stuart Spencer at (501) 682-0750, or by email at spencer@adeq.state.ar.us. Thank you for your consideration of Arkansas's submission.

Sincerely,

A handwritten signature in black ink, appearing to read "Asa Hutchinson", with a stylized flourish at the end.

Asa Hutchinson,

Enclosures